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US 20060149328 A1	US- PGPUB	20060706	25	LV threshold measurement and capture management	607/28		Parikh; Purvee P. et al.
US 20060079802 A1	US- PGPUB	20060413		Method and apparatus to detect and monitor the frequency of obstructive sleep apnea	600/547	600/595	Jensen; Donald N. et al.
US 20060009811 A1	US- PGPUB	20060112		Ischemia detection	607/17	600/513; 607/3	Sheldon; Todd J. et al.
US 20050251218 A1	US- PGPUB	20051110		Implantable medical device with circulation delay measurement and therapy control	607/17	600/323; 600/529; 607/18; 607/6	Markowitz, H. Toby et al.
US 20050203579 A1	US- PGPUB	20050915		Real-time optimization of right to left ventricular timing sequence in bi- ventricular pacing of heart failure patients	607/6	600/595	Sowelam, Sameh et al.
US 20050148897 A1	US- PGPUB	20050707		Implantable medical device with sleep disordered breathing monitoring	600/533	600/300; 600/529; 607/17; 607/6	Cho, Yong Kyun et al.
US 20050119711 A1	US- PGPUB	20050602		Apparatus and method for monitoring for disordered breathing	607/42		Cho, Yong K. et al.
US 20050090871 A1	US- PGPUB	20050428		Implantable medical device and method for delivering therapy for sleep- disordered breathing	607/17	607/9	Cho, Yong K. et al.

US 20050080460 A1	US- PGPUB	20050414		Method and apparatus for monitoring tissue fluid content for use in an implantable cardiac device	607/17		Wang, Li et al.
US 20050038481 A1	US- PGPUB	20050217		Evaluating ventricular synchrony based on phase angle between sensor signals	607/17		Chinchoy, Edward et al.
US 20050027320 A1	US- PGPUB	20050203		Method of optimizing cardiac resynchronization therapy using sensor signals of septal wall motion	607/9	607/122	Nehls, Robert J. et al.
US 20050021095 A1	US- PGPUB	20050127		Atrial capture management during atrial and ventricular pacing	607/9		Rueter, John C. et al.
US 20040189232 A1	US- PGPUB	20040930		Apparatus for monitoring electric motor screw driver system	318/484		Cho, Yong Ki
US 20040181998 A1	US- PGPUB	20040923		Flowerpot hanger device	47/39		Cho, Yong Kwon
US 20040176809 A1	US- PGPUB	20040909		Method and apparatus for modifying delivery of a therapy in response to onset of sleep	607/14	607/27	Cho, Yong Kyun et al.
US 20040158292 A1	US- PGPUB	20040812		Methods and apparatus for detecting ventricular depolarizations during atrial	607/9	427/2.24	Sheldon, Todd J. et al.

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US 20040138719 A1	US- PGPUB	20040715		System and method for automatically monitoring and delivering therapy for sleep-related disordered breathing	607/42	600/529	Cho, Yong K. et al.
US 20040134496 A1	US- PGPUB	20040715		Method and apparatus for detecting respiratory disturbances	128/204.23	128/204.21	Cho, Yong K. et al.
US 20040064162 A1	US- PGPUB	20040401		Method and apparatus for performing stimulation threshold searches	607/28		Manrodt, Christopher M. et al.
US 20040059240 A1	US- PGPUB	20040325		Method and apparatus to detect and treat sleep respiratory events	600/532		Cho, Yong Kyun et al.
US 20040030358 A1	US- PGPUB	20040212		Capture management improvements	607/27		Rueter, John C. et al.
US 20030204232 A1	US- PGPUB	20031030		Method and apparatus for selecting an optimal electrode configuration of a medical electrical lead having a multiple electrode array	607/122		Sommer, John L. et al.
US 20030204213 A1	US- PGPUB	20031030		Method and apparatus to detect and monitor the frequency of obstructive sleep apnea	607/17		Jensen, Donald N. et al.
US 20030204212	US- PGPUB	20031030		Algorithm for the automatic	607/17		Burnes, John E. et

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US 20030204211 A1	US- PGPUB	20031030		Method and apparatus for rate responsive adjustments in an implantable medical device	607/17		Condie, Catherine R. et al.
US 20030204147 A1	US- PGPUB	20031030		Method and apparatus for injection of external data within an implantable medical device	600/520		Condie, Catherine R. et al.
US 20030195571 A1	US- PGPUB	20031016		Method and apparatus for the treatment of central sleep apnea using biventricular pacing	607/9		Burnes, John E. et al.
US 20030158492 A1	US- PGPUB	20030821		Ischemia detection	600/508		Sheldon, Todd J. et al.
US 20030140931 A1	US- PGPUB	20030731		Medical implantable system for reducing magnetic resonance effects	128/899	600/409	Zeijlemaker, Volkert A. et al.
US 20030125778 A1	US- PGPUB	20030703		Automatic rate response sensor mode switch	607/27		Cho, Yong Kyun et al.
US 20030083726 A1	US- PGPUB	20030501		Method and apparatus for shunting induced currents in an electrical lead	607/122		Zeijlemaker, Volkert A. et al.
US 20030083570 A1	US- PGPUB	20030501		Alternative sensing method for implantable medical device in magnetic resonance	600/410		Cho, Yong Kyun et al.

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US 20030045805 A1	US- PGPUB	20030306		Ischemia detection	600/513		Sheldon, Todd J. et al.
US 20020193839 A1	US- PGPUB	20021219		Method for providing a therapy to a patient involving modifying the therapy after detecting an onset of sleep in the patient, and implantable medical device embodying same	607/17	607/11	Cho, Yong Kyun et al.
US 20020193697 A1	US- PGPUB	20021219		Method and apparatus to detect and treat sleep respiratory events	600/529	600/547; 607/42	Cho, Yong Kyun et al.
US 7076283 B2	USPAT	20060711		Device for sensing cardiac activity in an implantable medical device in the presence of magnetic resonance imaging interference	600/410	128/901; 600/411; 600/509	Cho; Yong Kyun et al.
US 7050855 B2	USPAT	20060523		Medical implantable system for reducing magnetic resonance effects	607/27		Zeijlemaker; Volkert A. et al.
US 7031772 B2	USPAT	20060418		Method and apparatus for rate responsive adjustments in an implantable medical device	607/20	607/18	Condie; Catherine R. et al.
US 7025730 B2	USPAT	20060411		System and method for automatically	600/529	607/42	Cho; Yong K. et al.

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US 6978178 B2	USPAT	20051220		Method and apparatus for selecting an optimal electrode configuration of a medical electrical lead having a multiple electrode array	607/28	607/27	Sommer; John L. et al.	
US 6964641 B2	USPAT	20051115		Implantable medical device with sleep disordered breathing monitoring	600/529	600/587; 600/595	Cho; Yong Kyun et al.	
US 6954048 B2	USPAT	20051011		Apparatus for monitoring electric motor screw driver system	318/484	29/707; 29/713; 318/264; 318/272; 388/937; 73/862.21	Cho; Yong Ki	
US 6944489 B2	USPAT	20050913		Method and apparatus for shunting induced currents in an electrical lead	600/373	600/374; 600/377; 607/116; 607/119; 607/122	Zeijlemaker; Volkert A. et al.	
US 6937899 B2	USPAT	20050830		Ischemia detection	607/18	600/513	Sheldon; Todd J. et al.	
US 6885891 B2	USPAT	20050426		Automatic rate response sensor mode switch	607/18	607/27	Cho; Yong Kyun et al.	
US 6752765 B1	USPAT	20040622		Method and apparatus for monitoring heart rate and abnormal respiration	600/536	600/547; 607/18	Jensen; Donald N. et al.	
US 6731984 B2	USPAT	20040504		Method for providing a therapy to a patient involving	607/17	607/20	Cho; Yong Kyun et al.	

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US 6641542 B2	USPAT	20031104		Method and apparatus to detect and treat sleep respiratory events	600/529	600/536; 600/547	Cho; Yong Kyun et al.
US 6449508 B1	USPAT	20020910		Accelerometer count calculation for activity signal for an implantable medical device	607/19	600/595	Sheldon; Todd J. et al.
US 6166384 A	USPAT	20001226		Method and apparatus for minimizing blurring and generating a high resolution image in a radiation imaging system	250/370.09	250/370.08; 250/370.11; 250/371	Dentinger; Aaron Mark et al.
US 6128526 A	USPAT	20001003		Method for ischemia detection and apparatus for using same	600/517		Stadler; Robert et al.
US 6115628 A	USPAT	20000905		Method and apparatus for filtering electrocardiogram (ECG) signals to remove bad cycle information and for use of physiologic signals determined from said filtered ECG signals	600/517		Stadler; Robert et al.
US 6044297	USPAT	20000328		Posture and	607/17	600/585	Sheldon;



A				device orientation and calibration for implantable medical devices			Todd J. et al.
US 5957957 A	USPAT	19990928		Rate responsive cardiac pacemaker with tilt sensor	607/17		Sheldon; Todd J.
US 5725562 A	USPAT	19980310		Rate responsive cardiac pacemaker and method for discriminating stair climbing from other activities	607/19		Sheldon; Todd J.
US 5593431 A	USPAT	19970114		Medical service employing multiple DC accelerometers for patient activity and posture sensing and method	607/19		Sheldon; Todd J.
US 4289853 A	USPAT	19810915	8	High loading of immobilized enzymes on activated carbon supports	435/177	435/174	Bailey; James E. et al.
US 4204041 A	USPAT	19800520		High loading of immobilized enzymes on activated carbon supports	435/177		Bailey; James E. et al.